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ABSTRACT

1   A product development scheduler uses a distributed, constraint based

2 system for modeling allocation of resources. All resources for all active

3 development projects are provided at a central location, so that resources are not

4 allocated twice across different projects. Real time availability of resources allows

5 accurate modeling, and changes in resource status are reflected by the scheduler.

6 Availability of materials are tracked through the supply chain to ensure true

7 availability for planning purposes.